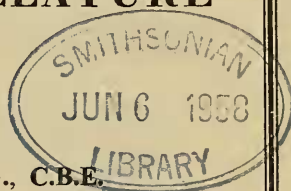


OPINIONS AND DECLARATIONS RENDERED BY THE INTER- NATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

Edited by

FRANCIS HEMMING, C.M.G., C.B.E.

Secretary to the Commission



VOLUME 1. SECTION F. Part F.10. Pp. 161—174

DIRECTION 99

Addition to the *Official List of Family-Group Names in Zoology* of the names of certain family-group taxa belonging to the Order Lepidoptera (Class Insecta), the names of the type genera of which have already been placed on the *Official List of Generic Names in Zoology*

LONDON :

Printed by Order of the International Trust for
Zoological Nomenclature
and

Sold on behalf of the International Commission on Zoological
Nomenclature by the International Trust at its Publications Office
41, Queen's Gate, London, S.W.7
1958

Price Nine Shillings and Sixpence

(All rights reserved)

INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

COMPOSITION AT THE TIME OF THE ADOPTION OF THE RULING GIVEN IN DIRECTION 99

A. The Officers of the Commission

Honorary Life President : Dr. Karl JORDAN (*British Museum (Natural History),
Zoological Museum, Tring, Herts., England*)

President : Professor James Chester BRADLEY (*Cornell University, Ithaca, N.Y., U.S.A.*)
(12th August 1953)

Vice-President : Senhor Dr. Afranio do AMARAL (*Sao Paulo, Brazil*) (12th August 1953)

Secretary : Mr. Francis HEMMING (*London, England*) (27th July 1948)

B. The Members of the Commission

(*Arranged in order of precedence by reference to date of election or of most recent re-election,
as prescribed by the International Congress of Zoology*)

Professor H. BOSCHMA (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*)
(1st January 1947)

Senor Dr. Angel CABRERA (*La Plata, Argentina*) (27th July 1948)

Mr. Francis HEMMING (*London, England*) (27th July 1948) (*Secretary*)

Dr. Henning LEMCHE (*Universitetets Zoologiske Museum, Copenhagen, Denmark*) (27th
July 1948)

Professor Teiso ESAKI (*Kyushu University, Fukuoka, Japan*) (17th April 1950)

Professor Pierre BONNET (*Université de Toulouse, France*) (9th June 1950)

Mr. Norman Denbigh RILEY (*British Museum (Natural History), London*) (9th June 1950)

Professor Tadeusz JACZEWSKI (*Institute of Zoology, Polish Academy of Sciences, Warsaw,
Poland*) (15th June 1950)

Professor Robert MERTENS (*Natur-Museum u. Forschungs-Institut Senckenberg, Frankfurt
a.M., Germany*) (5th July 1950)

Professor Erich Martin HERING (*Zoologisches Museum der Humboldt-Universität zu
Berlin, Germany*) (5th July 1950)

Senhor Dr. Afranio do AMARAL (*S. Paulo, Brazil*) (12th August 1953) (*Vice-President*)

Professor J. R. DYMOND (*University of Toronto, Toronto, Canada*) (12th August 1953)

Professor J. Chester BRADLEY (*Cornell University, Ithaca, N.Y., U.S.A.*) (12th August
1953) (*President*)

Professor Harold E. VOKES (*University of Tulane, Department of Geology, New Orleans,
Louisiana, U.S.A.*) (12th August, 1953)

Professor Béla HANKÓ (*Mezőgazdasági Múzeum, Budapest, Hungary*) (12th August 1953)

Dr. Norman R. STOLL (*Rockefeller Institute for Medical Research, New York, N.Y.,
U.S.A.*) (12th August 1953)

Mr. P. C. SYLVESTER-BRADLEY (*Sheffield University, Sheffield, England*) (12th August 1953)

Dr. L. B. HOLTHUIS (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*)
(12th August 1953)

Dr. K. H. L. KEY (*Commonwealth Scientific and Industrial Research Organisation,
Canberra, A.C.T., Australia*) (15th October 1954)

Dr. Alden H. MILLER (*Museum of Vertebrate Zoology, University of California, U.S.A.*)
(29th October 1954)

Doc. Dr. Ferdinand PRANTL (*Národní Museum V Praze, Prague, Czechoslovakia*) (30th
October 1954)

Professor Dr. Wilhelm KÜHNELT (*Zoologisches Institut der Universität, Vienna, Austria*)
(6th November 1954)

Professor F. S. BODENHEIMER (*The Hebrew University, Jerusalem, Israel*) (11th November
1954)

Professor Ernst MAYR (*Museum of Comparative Zoology at Harvard College, Cambridge,
Massachusetts, U.S.A.*) (4th December 1954)

Professor Enrico TORTONESE (*Museo di Storia Naturale "G. Doria", Genova, Italy*)
(16th December 1954)

DIRECTION 99

ADDITION TO THE " OFFICIAL LIST OF FAMILY-GROUP NAMES IN ZOOLOGY " OF THE NAMES OF CERTAIN FAMILY-GROUP TAXA BELONGING TO THE ORDER LEPIDOPTERA (CLASS INSECTA), THE NAMES OF THE TYPE GENERA OF WHICH HAVE ALREADY BEEN PLACED ON THE " OFFICIAL LIST OF GENERIC NAMES IN ZOOLOGY "

RULING :—(1) The names of the under-mentioned nominal family-group taxa belonging to the Order Lepidoptera (Class Insecta), the names of the type genera of which have been placed on the *Official List of Generic Names in Zoology* by the Rulings given in the *Opinions* severally specified below, are hereby placed on the *Official List of Family-Group Names in Zoology* with the Name Numbers specified in each of the entries concerned :—

- (a) MORPHIDAE Westwood, [1851] (type genus : *Morpho* Fabricius, 1807) (*Opinion* 137) (Name No. 225) ;
- (b) SATYRIDAE (correction of SATYRIDES) Boisduval, [1833] (type genus : *Satyrus* Latreille, 1810) (*Opinion* 142) (Name No. 226) ;
- (c) COLIADINAE (correction of COLIANA) Swainson, 1827 (type genus : *Colias* Fabricius, 1807) (*Opinion* 146) (Name No. 227) ;
- (d) ARGYNNIDAE Duponchel, 1844 (type genus : *Argynnis* Fabricius, 1807) (*Opinion* 161) (Name No. 228) ;
- (e) APATURIDAE (correction of APATURIDES) Boisduval, 1840 (type genus : *Apatura* Fabricius, 1807) (*Opinion* 232) (Name No. 229) ;
- (f) DANAIDAE (correction of DANAIDES) Boisduval, [1833] type genus : *Danaus* Kluk, 1802) (*Opinion* 278) (Name No. 230) ;

- (g) LIMENITIDINAE (correction of LIMENITIDES) Butler, 1869 (type genus : *Limenitis* Fabricius, 1807) (*Opinion* 278) (Name No. 231) ;
- (h) NYMPHALIDAE Swainson, 1827, (type genus : *Nymphalis* Kluk, 1802) (*Opinion* 278) (Name No. 232) ;
- (i) PAPILIONIDAE (correction of PAPILIONIDA) [Leach], [1815] (type genus : *Papilio* Linnaeus, 1758) (*Opinion* 278) (Name No. 233).

(2) The under-mentioned family-group names are hereby placed on the *Official Index of Rejected and Invalid Family-Group Names in Zoology* with the Name Numbers severally specified below :—

- (a) SATYRIDES Boisduval, [1833] (type genus : *Satyrus* Latreille, 1810) (an Invalid Original Spelling for SATYRIDAE) (*Opinion* 142) (Name No. 264) ;
- (b) COLIANA Swainson, 1827 (type genus : *Colias* Fabricius, 1807) (an Invalid Original Spelling for COLIADINAE) (*Opinion* 146) (Name No. 265) ;
- (c) ARGYNNIDINAE Aurivillius, [1911] (type genus : *Argynnis* Fabricius, 1807) (an Erroneous Subsequent Spelling for ARGYNNIDAE) (*Opinion* 161) (Name No. 266) ;
- (d) APATURIDES Boisduval, 1840 (type genus : *Apatura* Fabricius, 1807) (an Invalid Original Spelling for APATURIDAE) (*Opinion* 232) (Name No. 267) ;
- (e) DANAIDES Boisduval, [1833] (type genus : *Danaus* Kluk, 1802) (an Invalid Original Spelling for DANAIDAE) (*Opinion* 278) (Name No. 268) ;
- (f) DANAIDIDAE Reuter, 1897 (type genus : *Danaus* Kluk, 1802) (an Erroneous Subsequent Spelling for DANAIDAE) (*Opinion* 278) (Name No. 269) ;

- (g) LIMENITIDES Butler, 1869 (type genus : *Limenitis* Fabricius, 1807) (an Invalid Original Spelling for LIMENITIDINAE) (*Opinion* 278) (Name No. 270) ;
- (h) PAPILIONIDA [Leach], [1815] (type genus : *Papilio* Linnaeus, 1758) (an Invalid Original Spelling for PAPILIONIDAE) (*Opinion* 278) (Name No. 271).

I. THE SUBJECT MATTER OF THE PRESENT “ DIRECTION ”

The present *Direction* contains the first instalment of the last portion of the survey of the entries already made on the *Official List of Generic Names in Zoology*, namely that concerned with the family-group names based upon the names of such genera. The present instalment is concerned with this problem in relation to the names of taxa belonging to the Order Lepidoptera (Class Insecta). The number of names involved is relatively small, partly because no generic names in the above group were placed by the Commission on the *Official List of Generic Names in Zoology* prior to its Session held at Lisbon in 1935 and partly because in the more recent *Opinions* dealing with this group the family-group-name implications have been dealt with at the same time that the generic names concerned were placed on the *Official List*.

2. Since the present is the first of the present series of *Directions*, it may be convenient to recall for the sake of clarity that under a Directive issued by the International Congresses of Zoology the Commission is required, when placing a family-group name on the *Official List*, to cite that name as belonging to whatever category within the family-group was assigned to it by its original author. Thus, the fact that a name appears on the *Official List* as the name of a family does no more than indicate that the taxon so named was regarded as being of family rank by its original author. Accordingly, the entry of a family-group name on the

Official List carries with it no implication as to the category (family, subfamily, tribe, etc.) within the family-group to which the taxon so named should on taxonomic grounds be regarded as belonging. All that such an entry indicates is that the name in question is an available name, that it is the oldest available name for a nominal taxon belonging to one or other of the categories within the family-group, and that it is the name which is to be used for that taxon in preference to any other name.

3. The decision embodied in the present *Direction* was based upon the following paper submitted to the Commission by the Secretary on 29th November 1957 :—

Proposed completion at the family-group-name level of Rulings given in " Opinions " in which generic names were placed on the " Official List of Generic Names in Zoology " :
No. I. Class Insecta, Order Lepidoptera

By FRANCIS HEMMING, C.M.G., C.B.E.

(*Secretary to the International Commission on Zoological Nomenclature*)

Now that the review of the entries made on the *Official List of Generic Names in Zoology* has been completed and arrangements have been made for the publication in book-form of that *List* as so far compiled, it is necessary to complete the action so taken by placing on the *Official List of Family-Group Names in Zoology* the family-group names based upon the generic names already placed on the *Official List of Generic Names in Zoology* in all cases where such family-group names are the oldest available names for the taxa concerned and are currently in use by specialists in the groups concerned but have not yet been placed on the *Official List*.

2. The family-group names associated with generic names already placed on the *Official List of Generic Names in Zoology* fall into three groups. First, in all the more recent *Opinions* the family-group-name implications of the proposal submitted were dealt with by the applicants in the proposals placed before the Commission and decisions were taken by the Commission thereon. The first of the *Opinions* falling in this group was *Opinion* 436, the *Opinion* with which Volume 15 of the *Opinions and Declarations Series* opened. The second group of

Opinions to be considered from this point of view is *Opinions* 334 to 435, which collectively constitute Volumes 10 to 14 of the above Series. In the majority of the *Opinions* comprised in this group the family-group-name implications involved were not discussed by the applicants concerned and accordingly were not dealt with in the *Opinions* subsequently rendered by the Commission. In all these cases however this deficiency has since been made good by the Commission in supplementary *Directions*. The *Directions* concerned are the following:—*Directions* 27 and 28, which were concerned with the *Opinions* (*Opinions* 334—350) comprised in Volume 10; *Direction* 41, which was concerned with the *Opinions* (*Opinions* 351—379) comprised in Volume 11; *Directions* 53 and 54, which were concerned with the *Opinions* (*Opinions* 380—400) comprised in Volume 12; *Direction* 58, which was concerned with the *Opinions* (*Opinions* 401—416) comprised in Volume 13; *Direction* 62, which was concerned with the *Opinions* (*Opinions* 417—435) comprised in Volume 14. The most recently adopted *Opinion* is *Opinion* 503, and it will be seen therefore that in the case of the 153 most recently rendered *Opinions* the family-group-name implications of the cases concerned have now been dealt with by the Commission. These *Opinions* represent almost exactly one-third of the total number of *Opinions* so far rendered by the Commission. A good start has therefore already been made by the Commission in dealing with the present problem.

3. In the course of the last four years the earlier *Opinions* have been subjected to close scrutiny for the purpose of ascertaining what supplementary action was called for in the matter, for example, of determining the gender to be attributed to generic names placed on the *Official List* in those *Opinions* and of placing other names dealt with in those *Opinions* on *Official Lists* or *Official Indexes*, in order to complete the action required in connection with those *Opinions* at the generic-name and specific-name levels. As the result of the survey so undertaken the required supplementary action has now been taken by the Commission as respects all these *Opinions* and the decisions so taken have been embodied in *Directions*. At the outset of this survey it was decided that, in order to expedite the completion to date of the older *Official Lists* and *Official Indexes*, the proposals then to be submitted to the Commission should be confined to proposals relating to generic and specific names, the family-group-name problems being deferred for submission to the Commission at the close of the phase concerned with names of lower categories. The search of the literature needed for the preparation of proposals for submission to the Commission in regard to generic and specific names and the extensive consultations then entered into with specialists in the groups concerned provided however an excellent opportunity for collecting information in regard to the family-group-name problems later to be placed before the Commission. In this way a large amount of information was collected and is already available for submission to the Commission.

4. The state of current knowledge regarding the early history of family-group names differs considerably from one group to another and for this reason it was decided some time ago that, when the stage was reached for placing proposals before the Commission, it would save time and also be more convenient to the Commission if the proposals to be submitted to it were grouped by reference to Classes and Orders in the Animal Kingdom rather than by reference to the volumes in the *Opinions and Declarations* Series in which decisions had been taken by the Commission in regard to the corresponding generic names. As part of this arrangement it is proposed however in due course to submit reports to the Commission showing the extent to which the necessary action has been taken in respect of each of the volumes (Volumes 1—10) of the above Series concerned.

5. It is proposed from now onwards to submit to the Commission a series of papers dealing with the family-group-name problems requiring consideration. Here and there it has been found that for one reason or another some question of difficulty arises in connection with a particular family-group name which will require special attention and may perhaps involve consideration being given to the possible use by the Commission of its Plenary Powers if stability in the nomenclature of the group concerned is to be assured. In such cases separate papers setting out fully the nature of the problem involved will be submitted to the Commission for consideration. Accordingly, the series of papers which it is now proposed to place before the Commission will be confined to the enumeration of family-group names as regards which no nomenclatorial difficulty arises and which it has been ascertained by consultation with the specialists who took part in the preliminary consultations (paragraph 3 above) are currently in use in the groups concerned.

6. The first paper in the present series, which is concerned with family-group names in the Order Lepidoptera (Class Insecta), is submitted in the Appendix attached to the present paper.

APPENDIX TO SECRETARY'S REPORT

Proposed addition to the "Official List of Family-Group Names in Zoology" of the names of certain family-group taxa belonging to the Order Lepidoptera (Class Insecta), the names of the type genera of which have been placed on the "Official List of Generic Names in Zoology"

Particulars are given below of the names of certain family-group taxa in the Order Lepidoptera (Class Insecta) which it is recommended

should be placed on the *Official List of Family-Group Names in Zoology*. In each case the name of the type genus of the family-group taxon concerned has already been placed by the International Commission on the *Official List of Generic Names in Zoology*. The family-group names listed below are all in current use by specialists in the Order Lepidoptera. In no case is there an older-established family-group taxon having as its type genus a genus which is subjectively regarded by specialists as belonging to the same family-group taxon as that represented by one of those now recommended for addition to the *Official List*. The names now submitted for inclusion in the *List* are thus not only themselves objectively available names but are in addition the oldest names subjectively available for the taxa concerned. In the case of none of the names given in the following list is there any doubt as to the correct form of the name in question, though in a few cases incorrect spellings have in the past been used by various authors. In the case of one or two names, notes based upon reports kindly furnished by Professor the Rev. L. W. Grensted, Consulting Classical Adviser to the International Commission on Zoological Nomenclature, have been added for information.

OPINION 137

Recommended for addition to the *Official List* :

MORPHIDAE Westwood, [1851], in Doubleday, *Gen. diurn. Lep.* (2) : 332 (type genus : *Morpho* Fabricius, 1807)

Note : The earlier name MORPHIDES Boisduval, [1836] (*Hist. nat. Ins.*, Spec. gén. Lépid. 1 : 166) is a vernacular (French) word, as is shown by the fact that certain of the corresponding names included by Boisduval in the same table are printed with accents over certain of the vowels.

OPINION 142

Recommended for addition to the *Official List* :

SATYRIDAE (correction of SATYRIDES) Boisduval, [1833], *Icon. hist. Lépid. Europ.* 1 (12) : 128 (type genus : *Satyris* Latreille, 1810)

Recommended for addition to the *Official Index* :

SATYRIDES Boisduval, [1833] (an Invalid Original Spelling for SATYRIDAE)

OPINION 146

Recommended for addition to the *Official List* :

COLIADINAE (correction of COLIANA) Swainson, 1827, *Phil. Mag.* (n.s.)
1 (3) : 188 (type genus : *Colias* Fabricius, 1807)

Recommended for addition to the *Official Index* :

COLIANA Swainson, 1827 (an Invalid Original Spelling for COLIADINAE)

OPINION 161

Recommended for addition to the *Official List* :

ARGYNNIDAE Duponchel, 1844, *Cat. méth. Lépid. Europ.* : 2 (type
genus : *Argynnis* Fabricius, 1807)

Recommended for addition to the *Official Index* :

ARGYNNIDINAE Aurivillius, [1911], in Seitz, *Grossschmett. Erde* 13
(107) : 121 ; *id.*, [1913], *ibid.* 13 (150) : 229

Note 1 : This family-group name has been widely used by many authors in the shortened form employed by Duponchel. Aurivillius is alone in treating the name *Argynnis* as having an "-id" stem. Commenting on the generic name *Argynnis* Fabricius, Professor Grensted observed (*in litt.*, 25th November 1957) :— " This word is not classical, though it may be a version coined by Fabricius, of the proper name Argynnus (a boy loved by Agamemnon—mentioned by Propertius). Fabricius may well have done this in view of other butterfly names ending in "is". There is no Greek form of the name. I see no evidence for a stem in "-id" and the link with Argynnus makes this improbable. This makes ARGYNNINAE the most natural form for the subfamily name."

Note 2 : The present family-group taxon is currently treated by most authors as a subfamily but by some as a tribe. It was called a "tribus" by Duponchel but that term, as employed by that author, was the equivalent of a family as now understood. As Duponchel used an approved termination for this name, it is necessary under the Rules that that termination should be retained when this name is placed on the *Official List*.

OPINION 232

Recommended for addition to the *Official List* :

APATURIDAE (correction of APATURIDES) Boisduval, 1840, *Gén. Index méth. Europ. Lépid.* : 24 (type genus : *Apatura* Fabricius, 1807)

Note : As used by Boisduval, the name APATURIDES denoted a taxon equivalent to a family as now understood.

Recommended for addition to the *Official Index* :

APATURIDES Boisduval, 1840 (an Invalid Original Spelling for APATURIDAE)

OPINION 278

Recommended for addition to the *Official List* :

DANAIDAE (correction of DANAIDES) Boisduval, [1833], *Icon. hist. Lépid. Europ.* **1** (9) : 84 (type genus : *Danaus* Kluk, 1802)

LIMENITIDINAE (correction of LIMENITIDES) Butler, 1869, *Gen. diurn. Lep. Fabricius* : 57 (type genus : *Limenitis* Fabricius, 1807)

NYMPHALIDAE Swainson, 1827, *Phil. Mag.* (n.s.) **1** (2) : 187 (type genus : *Nymphalis* Kluk, 1802)

PAPILIONIDAE (correction of PAPILIONIDA) [Leach], [1815], in Brewster's *Edinburgh Ency.* **9** : 127 (type genus : *Papilio* Linnaeus, 1758)

Note : Of the words of which the names of the type genera of the above family-group taxa are composed, *Danaus* and *Papilio* are classical Latin nouns, the former of Greek origin, the genitive singular of these words being *Danai* and *Papilionis* respectively. No question arises, therefore, as regards their respective stems. As regards the two other names Professor Grunstedt has commented (*in lit*) as follows :—

(a) *Limenitis* Fabricius : " This is found in classical Greek—*Λιμενίτις*, genitive " *ιδος* " with the stem " *Limenitid-*, which would be reproduced in Latin. The spelling LIMENITIDINAE for the subfamily name is correct " (letter dated 25th November 1957).

(b) *Nymphalis* Kluk : " This is a Latin formation with no Greek equivalent, of adjectival form. It occurs as an adjective in classical Latin, with the genitive ' *Nymphalis* '. The stem is ' *Nymphal-* ' and the spelling NYMPHALIDAE for the family name is correct " (letter dated 15th May 1955). " *Nymphalis*, as a Latin adjective, has nothing at all in common with *Limenitis*, which is a Greek noun " (letter dated 25th November 1957).

Recommended for addition to the *Official Index* :

DANAIDES Boisduval, [1833] (an Invalid Original Spelling for DANAIDAE)

DANAIDIDAE Reuter, 1897, *Acta. Soc. Sci. fenn.* **22** : 301 (an Erroneous Subsequent Spelling for DANAIDAE)

LIMENITIDES Butler, 1869 (an Invalid Original Spelling for LIMENITIDINAE)

PAPILIONIDA [Leach], [1815] (an Invalid Original Spelling for PAPILIONIDAE)

4. Registration of the present application : Upon the receipt of the Secretary's paper the question of the addition to the *Official List of Family-Group Names in Zoology* of certain family-group taxa belonging to the Order Lepidoptera (Class Insecta) was allotted the Registered Number Z.N.(S.) 1283.

II. THE DECISION TAKEN BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

5. Issue of Voting Paper V.P.(O.M.)(57)28 : On 4th December 1957 a Voting Paper (V.P.(O.M.)(57)28) was issued in which each Member of the Commission was asked (1) to state whether he agreed " that, in conformity with the General Directive relating to the recording on the various *Official Lists* and *Official Indexes* of decisions in regard to particular names and particular books issued to the International Commission by the Thirteenth International Congress of Zoology, Paris, 1948, and with the General Directive supplementary thereto on the subject of family-group names issued to the Commission by the Fourteenth International Congress of Zoology, Copenhagen, 1953, the family-group names based upon generic names in the Order Lepidoptera (Class Insecta) already placed on the *Official List of Generic Names in Zoology* specified in the Appendix to the paper bearing the Registered Number Z.N.(S.) 1283 submitted by the Secretary simultaneously with the present Voting Paper [i.e. in the Appendix to the paper reproduced in paragraph 3 of the present *Direction*] be placed on the *Official List* and *Official Index* for the names of taxa belonging to the family-group category, as there proposed " and (2) if he did not so agree as regards any given item, to indicate that item.

6. The Prescribed Voting Period : As the foregoing Voting Paper was issued under the One-Month Rule, the Prescribed Voting Period closed on 4th January 1958.

7. Particulars of the Voting on Voting Paper V.P.(O.M.)(57)28 : At the close of the Prescribed Voting Period, the state of the

voting on Voting Paper V.P.(O.M.)(57)28 was as follows :—

(a) *Affirmative Votes had been given by the following twenty-three (23) Commissioners (arranged in the order in which Votes were received):*

Holthuis ; Boschma ; Mertens ; Vokes ; Mayr ;
 Hering ; Prantl ; Miller ; Cabrera ; Stoll ; Hemming ;
 Bonnet ; Lemche ; Bradley (J.C.) ; Kühnelt ; Jaczewski ;
 Dymond ; do Amaral ; Bodenheimer ; Hankó ; Riley ;
 Sylvester-Bradley ; Tortonese ;

(b) *Negative Votes :*

None ;

(c) *On Leave of Absence, one (1) :*

Key ;

(d) *Voting Papers not returned, one (1) :*

Esaki¹.

8. Declaration of Result of Vote : On 5th January 1958, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(O.M.)(57)28, signed a Certificate that the Votes cast were as set out in paragraph 7 above and declaring that the proposal submitted in the foregoing Voting Paper had been duly adopted and that the decision so taken was the decision of the International Commission in the matter aforesaid.

9. Preparation of the Ruling given in the present “ Direction ” : On 17th January 1958 Mr. Hemming prepared the Ruling given

¹ Shortly after the close of the Prescribed Voting Period information was received that Professor Esaki had died during that Period on 14th December 1957.

in the present *Direction* and at the same time signed a Certificate that the terms of that Ruling were in complete accord with those of the proposal approved by the International Commission in its Vote on Voting Paper V.P.(O.M.)(57)28.

10. Original References : The original references for the family-group names placed by the Ruling given in the present *Direction* either on the *Official List* or on the *Official Index* of names for family-group taxa are as set out in the Appendix to the application submitted in the present case and reproduced in the first paragraph of this *Direction*. The names of the type genera of the family-group taxa concerned have in each case already been placed on the *Official List of Generic Names in Zoology* and the references for those names have been given in the *Opinions* respectively concerned.

11. Compliance with Prescribed Procedures : The prescribed procedures were duly complied with by the International Commission on Zoological Nomenclature in dealing with the present case, and the present *Direction* is accordingly hereby rendered in the name of the said International Commission by the undersigned Francis Hemming, Secretary to the International Commission on Zoological Nomenclature, in virtue of all and every the powers conferred upon him in that behalf.

12. "Direction" Number : The present *Direction* shall be known as *Direction* Ninety-Nine (99) of the International Commission on Zoological Nomenclature.

DONE in London, this Seventeenth day of January, Nineteen Hundred and Fifty-Eight.

*Secretary to the International Commission
on Zoological Nomenclature*

FRANCIS HEMMING